

Message Text

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ACTION EUR-12

INFO OCT-01 EA-09 ISO-00 FEA-01 ACDA-10 CEQ-01 CIAE-00

DOT-00 EPA-04 HEW-06 HUD-02 INR-07 INT-05 L-03

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INFO AMEMBASSY BONN

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AMEMBASSY ROME

AMEMBASSY PARIS

AMEMBASSY TOKYO

AMEMBASSY STOCKHOLM

USMISSION OECD PARIS

USMISSION EC BRUSSELS

AMEMBASSY ANKARA

AMEMBASSY ATHENS

AMEMBASSY BRUSSELS

AMEMBASSY COPENHAGEN

AMEMBASSY LISBON

AMEMBASSY LUXEMBOURG

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AMEMBASSY REYKJAVIK

AMEMBASSY THE HAGUE

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E.O. 11652: N/A

TAGS: CCMS, SENV,ENRG

SUBJECT: CCMS: SPRING PLENARY--AUTOMOTIVE PROPULSION SYSTEMS
(LPPSD)

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REF: STATE 81206

1.THE US (BROGAN) REPORTED THAT THE PILOT STUDY IS
FOCUSING PRIMARILY ON THE EXCHANGE OF INFORMATION ON

NEW TECHNOLOGIES DEVELOPED BY MEMBER NATIONS RELATING TO ENERGY-EFFICIENT AND VIRTUALLY POLLUTION-FREE SYSTEMS TO PROVIDE PROPOULSION FOR AUTOS. THE MOST RECENT OF THREE PILOT STUDY TECHNICAL SYMPOSIA WAS HELD IN ROME IN DEC 1975 WITH REPS FROM FRANCE, FRG, ITALY, THE NETHERLANDS, UK, USA, CANADA, AND JAPAN.

2. THE LONG-RANGE (BY 2000)OBJECTIVE OF THE WORK COVERED IN THIS PROJECT IS TO DEVELOP THE TECHNOLOGIES THAT WOULD ELIMINATE DEPENDENCE OF HIGHWAY VEHICLES ON PETROLEUM ENERGY IN WASYS CONSISTENT WITH ENVIRONMENTAL CONSTRAINTS. MAJOR ELEMENTS OF THIS DEVELOPMENT PROGRAM INCLUDE: HEAT ENGINE SYSTEMS, ELECTRIC AND HYBRID SYSTEMS, ALTERNATIVE FUELS, AND VEHICULAR SYSTEMS. MR BROGAN THEN DESCRIBED THE WORK BEING DONE IN THE US ON THESE ELEMENTS. THE US PROGRAM AIMS TO DEVELOP THREE OPTIONS FOR PROVIDING POWER FOR PERSONAL TRANSPORTATION IN THE FUTURE. TWO OF THESE BASIC OPTIONS ARE THE GAS TURBINE AND STERLING CYCLE DIRECT COMBUSTION SYSTEMS WHICH OFFER THE POTENTIAL OF VERY HIGH EFFICIENCIES, VERY LOW EMISSIONS, AND THE CAPABILITY OF USING ANY FUEL PETROLEUM OR NON-PETROLEUM DERIVED. THE THIRD OPTION IS THE ELECTRIC SYSTEM. AS ENVISAGED, IT COULD BE RECHARGED FROM EXTERNAL ELECTRICAL SOURCES WHOSE BASE ENERGY SOURCE AT THE CENTRAL POWER STATION ALSO CAN BE VIRTUALLY ANY OTHER FUEL.

3. FINALLY, MR BROGAN ANNOUNCED THAT THE FOURTH INTERNATIONAL APS/L PPSD SYMPOSIUM WILL BE SPONSORED BY THE US ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION IN WASH DC, APRIL 18-22, 1977. THE PURPOSE OF THE SYMPOSIUM WILL BE TO EXCHANGE THE LATEST TECHNICAL AND SCIENTIFIC INFORMATION ON THE DEVELOPMENT AND DEMONSTRATION OF ENERGY-EFFICIENT LOW-POLLUTING VEHICLES. A NUMBER OF VEHICLES USING ADVANCED POWER SYSTEMS, VARIOUS SYSTEM MOCKUPS
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EXHIBITING THE MOST RECENT DESIGNS, AND MANY ADVANCE COMPONENTS, WILL BE DISPLAYED. CCMS MEMBERS WERE INVITED TO SUPPLY PAPERS AND EXHIBITS FOR THE SYMPOSIUM.

4. THE COMMITTEE THEN TOOK NOTE OF THE US PROGRESS REPORT.STRAUSZ-HUPE

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